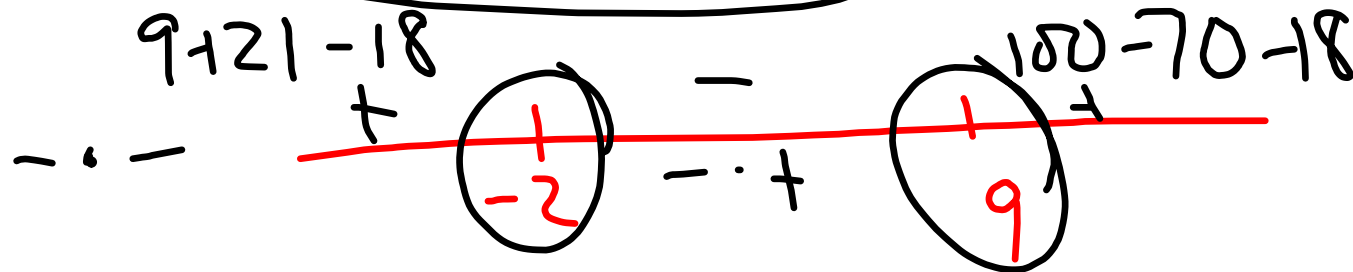


$$x^2 - 7x - 18 = 0$$

$$(x-9)(x+2) = 0 \quad x=9 \text{ or } -2$$

$$x^2 - 7x - 18 > 0$$



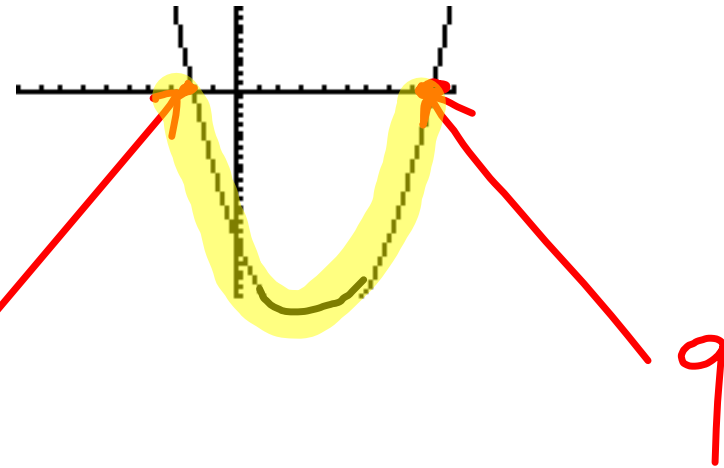
$$x < -2 \text{ or } x > 9$$

$$x^2 - 7x - 18 > 0$$

$$x < -2 \text{ or } x > 9$$

$$x^2 - 7x - 18 < 0$$

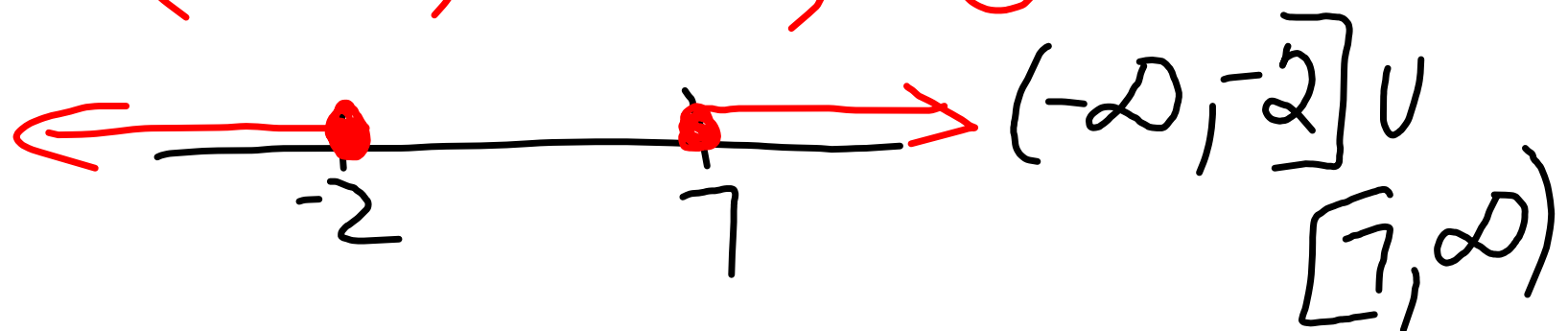
$$-2 < x < 9$$



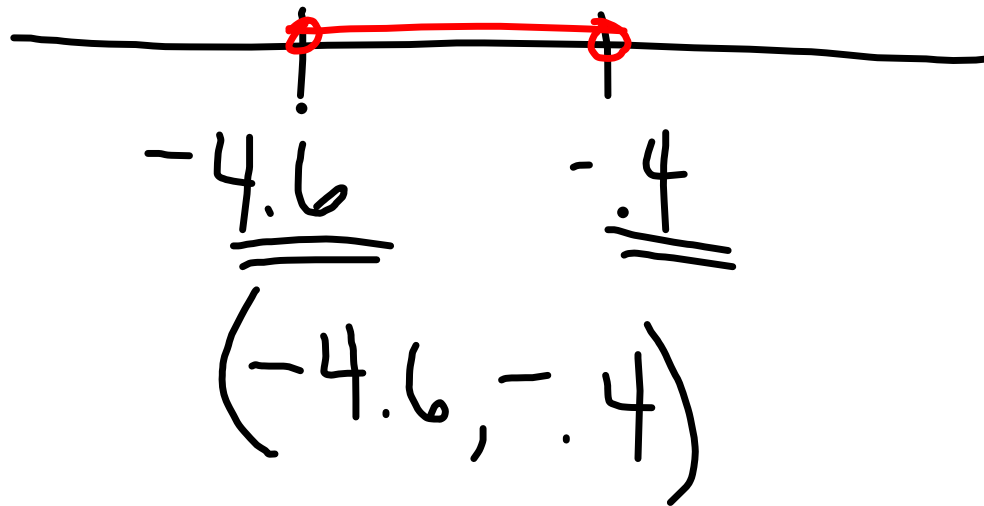
$$x^2 - 5x \geq 14$$

$$x^2 - 5x - 14 \geq 0$$

$$(x-7)(x+2) \geq 0$$



$$x^2 + 5x + 2 < 0$$



$$x^2 + x + 1 < 0$$

No Solution

HW p. 161

39-45 all